SEQUENCE LISTING

<110> HINUMA, Shuji KOBAYASHI, Makoto HABATA, Yugo HARADA, Masataka OKUBO, Shoichi YOSHIDA, Hiromi NISHI, Kazunori

<120> A Novel Ligand For FPRL1 And Its Use

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<150> PCT/JP2003/014138

<151> 2003-11-06

<150> JP 2002-324189

<151> 2002-11-07

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Leu Gly Val Thr Phe Val Leu Gly Val Leu Gly Asn Gly Leu Val Ile 35 40 45

35 40 45
Trp Val Ala Gly Phe Arg Met Thr Arg Thr Val Thr Thr Ile Cys Tyr

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| Leu 65 | Asn | Leu | Ala | Leu | Ala 70 | Asp | Phe | Ser | Phe | Thr 75 | Ala | Thr | Leu | Pro | Phe 80 |
| Leu | Ile | Val | Ser | Met 85 | Ala | Met | Gly | Glu | Lys 90 | Trp | Pro | Phe | Gly | Trp 95 | Phe |
| Leu | Cys | Lys | Leu 100 | Ile | His | Ile | Val | Val 105 | Asp | Ile | Asn | Leu | Phe 110 | Gly | Ser |
| Val | Phe | Leu 115 | Ile | Gly | Phe | Ile | Ala 120 | Leu | Asp | Arg | Cys | Ile 125 | Cys | Val | Leu |
| His | Pro 130 | Val | Trp | Ala | Gln | Asn 135 | His | Arg | Thr | Val | Ser 140 | Leu | Ala | Met | |
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| Val | Ala | Ile 195 | Thr | Met | Leu | | Ala 200 | Arg | Gly | Ile | Ile | Arg 205 | Phe | Val | Ile |
| Gly | Phe 210 | Ser | Leu | Pro | Met | Ser 215 | Ile | Val | Ala | Ile | Cys 220 | Tyr | Gly | Leu | Ile |
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| Phe | Gln | Leu | Val 260 | Ala | Leu | Leu | Gly | Thr 265 | Val | Trp | Leu | Lys | Glu 270 | Met | Leu |
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| Val 305 | Gly | Gln | Asp | Phe | Arg 310 | Glu | Arg | Leu | Ile | His 315 | Ser | Leu | Pro | Thr | Ser 320 |
| Leu | Glu | Arg | Ala | Leu 325 | Ser | Glu | Asp | Ser | Ala 330 | Pro | Thr | Asn | Asp | Thr 335 | Ala |
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| gaca ctti ctg | atcci cacgi gagag | tgg tct ggg (| ttaad ttgt: ccct: | ccca gggc gtct | ac ga ca a | agcto gacto gacto | ccct tccg cagc | g gco a ga c cco | cttc gaga aact | ttca ctga | aca; | gctg actc | cct cct | caaco gccca | atcatt cccatg accagt tctgct | 840 900 960 1020 1053 |
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| Tyr | Asp | Ser | Thr | Ile | Ser | Arg | Val | Leu 25 | | Ile | Leu | Thr | Met 30 | Val | Val | |
| Leu | Ser | Ile 35 | | Phe | Val | Leu | Gly 40 | | Leu | Gly | Asn | Gly 45 | | Va1 | Ile | |
| Trp | Val 50 | | Gly | Phe | Arg | Met 55 | | His | Thr | Val | Thr 60 | | Thr | Cys | Phe | |
| Leu 65 | | Leu | Ala | Leu | Ala 70 | | Phe | Ser | Phe | Thr 75 | | Thr | Leu | Pro | Phe 80 | |
| | Val | Ile | Ser | Ile 85 | Ala | Met | Lys | Glu | Lys 90 | | Pro | Phe | Gly | Trp 95 | | |
| Leu | Cys | Lys | Leu 100 | Val | His | Ile | Val | Val 105 | Asp | Ile | Asn | Leu | Phe 110 | Gly | Ser | |
| Val | Phe | Leu 115 | Ile | Ala | Leu | Ile | Ala 120 | Leu | Asp | Arg | Cys | Ile 125 | Cys | Val | Leu | |
| His | Pro 130 | Val | Trp | Ala | Gln | Asn 135 | His | Arg | Thr | Val | Ser 140 | | Ala | Arg | Lys | |
| Val 145 | Val | Val | Gly | Pro | Trp 150 | Ile | Leu | Ala | Leu | Ile 155 | Leu | Thr | Leu | Pro | Ile 160 | |
| Phe | Ile | Phe | Met | Thr 165 | Thr | Val | Arg | Ile | Pro 170 | Gly | Gly | Asn | Val | Tyr 175 | Cys | |
| Thr | Phe | Asn | Phe 180 | Ala | Ser | Trp | | Asn 185 | Thr | Ala | Glu | Glu | Leu 190 | Leu | Asn | |
| | | 195 | | | | | 200 | | | | | 205 | | Ile | | |
| | 210 | | | | | 215 | | | | | 220 | | | Leu | | |
| Ala 225 | Val | Lys | Ile | His | Arg 230 | Arg | Ala | Leu | Val | Asn 235 | Ser | Ser | Arg | Pro | Leu 240 | |
| Arg | Val | Leu | Thr | Ala 245 | Val | Val | Ala | Ser | Phe 250 | | Ile | Cys | Trp | Phe 255 | | |
| Phe | Gln | Leu | Val 260 | Ala | Leu | Leu | Gly | Thr 265 | | Trp | Phe | Lys | Glu 270 | Ser | Leu | |
| Phe | Ser | Gly 275 | Arg | Tyr | Lys | Ile | Leu 280 | Asp | Met | Trp | Val | His 285 | Pro | Thr | Ser | |
| Ser | Leu 290 | Ala | Tyr | Phe | Asn | Ser 295 | Cys | Leu | Asn | Pro | Met 300 | Leu | Tyr | Ala | Phe | |
| Met 305 | Gly | Gln | Asp | Phe | His 310 | Glu | Arg | Leu | Ile | His 315 | Ser | Leu | Pro | Ser | Ser 320 | |
| | Glu | Arg | Ala | Leu 325 | | Glu | Asp | Ser | Gly 330 | | Thr | Ser | Asp | Thr 335 | | |
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gtgctgggta atggactagt gatctgggta gctggattcc ggatggtaca cactgtcacc
                                                                   180
actacctgtt ttctgaatct agctttggct gacttctctt tcacagtgac tctaccattc
                                                                   240
tttgtcatct caattgctat gaaagaaaaa tggccttttg gatggttcct gtgtaaatta
                                                                   300
gttcacattg tagtagacat aaacctcttt ggaagtgtct tcctgattgc tttaattgcc
                                                                   360
ttggaccgct gcatttgtgt cctgcatcca gtctgggctc agaaccaccg cactgtgagc
                                                                   420
ctggctagga aggtggttgt tgggccctgg attttagctc tgattctcac tttgcccatt
                                                                   480
540
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                                                                   600
agagggagca tcaggttcat tattggcttc ataatgccta tgtccattgt tgccatctgc
                                                                   660
tatggactca tcgctgtcaa gatccacaga agagcacttg ttaattccag ccgtccatta
                                                                   720
agagteetta cageagttgt ggetteette tttatetgtt ggttteeett teaactggtg
                                                                   780
gcccttttag gtacaatctg gtttaaagag tcattgttta gtggtcgtta caaaattctt
                                                                   840
gacatgtggg ttcacccaac cagctcattg gcctacttca atagttgcct caatccaatg
                                                                   900
ctctatgctt tcatgggcca ggactttcat gaaagactga ttcattccct gccttccagt
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ctggagagag ccctgagtga ggactctggc caaaccagtg atacaggcat cagttctgct
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Trp Val Ala Gly Phe Arg Met Pro His Thr Val Thr Thr Ile Trp Tyr
                         55
Leu Asn Leu Ala Leu Ala Asp Phe Ser Phe Thr Ala Thr Leu Pro Phe
                     70
                                        75
Leu Leu Val Glu Met Ala Met Lys Glu Lys Trp Pro Phe Gly Trp Phe
                                    90
Leu Cys Lys Leu Val His Ile Val Val Asp Val Asn Leu Phe Gly Ser
            100
                                105
Val Phe Leu Ile Ala Leu Ile Ala Leu Asp Arg Cys Ile Cys Val Leu
                            120
His Pro Val Trp Ala Gln Asn His Arg Thr Val Ser Leu Ala Arg Lys
                        135
                                           140
Val Val Gly Pro Trp Ile Phe Ala Leu Ile Leu Thr Leu Pro Ile
                   150
                                       155
Phe Ile Phe Leu Thr Thr Val Arg Ile Pro Gly Gly Asp Val Tyr Cys
                                   170
Thr Phe Asn Phe Gly Ser Trp Ala Gln Thr Asp Glu Glu Lys Leu Asn
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                               185
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Thr Ala Ile Thr Phe Val Thr Thr Arg Gly Ile Ile Arg Phe Leu Ile
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                            200
                                               205
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Gly Phe Ser Met Pro Met Ser Ile Val Ala Val Cys Tyr Gly Leu Ile
                        215
Ala Val Lys Ile Asn Arg Arg Asn Leu Val Asn Ser Ser Arg Pro Leu
                    230
                                         235
Arg Val Leu Thr Ala Val Val Ala Ser Phe Phe Ile Cys Trp Phe Pro
                245
                                     250
Phe Gln Leu Val Ala Leu Leu Gly Thr Val Trp Phe Lys Glu Thr Leu
Leu Ser Gly Ser Tyr Lys Ile Leu Asp Met Phe Val Asn Pro Thr Ser
                                                 285
        275
                             280
Ser Leu Ala Tyr Phe Asn Ser Cys Leu Asn Pro Met Leu Tyr Val Phe
                        295
                                             300
Met Gly Gln Asp Phe Arg Glu Arg Phe Ile His Ser Leu Pro Tyr Ser
                    310
                                         315
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atctgggtag ctggattccg gatg 24
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